

CLAIMS:

1. A polarizing arrangement selectively transmissive for linear polarized light comprising a first linear polarizer having a first extinction axis and a second linear polarizer having a second extinction axis, wherein, in operation, a light beam traversing the first polarizer in a direction orthogonal to the first extinction axis traverses the second polarizer in
5 a direction coincident with the second extinction axis.
2. A polarizing arrangement as claimed in claim 1 wherein the first extinction axis is parallel to a light entry and/or light exit surface of the polarizing arrangement.
- 10 3. A polarizing arrangement as claimed in claim 1 or 2 wherein the first polarizer is a dichroic polarizer in which a dichroic colorant is planar uniaxially oriented in the direction of the first extinction axis.
- 15 4. A polarizing arrangement as claimed in claim 1, 2 or 3 wherein the second polarizer is a dichroic polarizer in which a dichroic colorant is homeotropically ordered in a direction coincident with the second extinction axis.
- 20 5. A polarizing arrangement as claimed in claim 3 or 4 wherein the first polarizer comprises a stretched polymeric material in which an ordered dichroic colorant is dispersed.
6. A polarizing arrangement as claimed in claim 1, 2, 3 or 4 wherein the first and/or second polarizer comprises an ordered polymerized liquid crystal in which a dichroic colorant is dispersed.
- 25 7. A polarizing arrangement as claimed in claim 3, 4, 5 or 6 wherein the dichroic colorant of the first and the second polarizer are one and the same.
8. A polarizing arrangement as claimed in any one of the preceding claims wherein the first and second polarizer are individual parts of a composite body.

9. A polarizing arrangement as claimed in any one of the preceding claims wherein the first and second polarizer are integrally formed as a single part of a polarizing body.

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10. A display comprising a polarizing arrangement as claimed in any one of the claims 1 to 9.

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11. A combination of a first and a second linear polarizer for use in a polarizing arrangement as claimed in any one of the claims 4, 5, 6, 7, 8 or 9.

12. Use of an optically anisotropic body comprising a dichroic colorant which is homeotropically ordered with respect to a major surface of the body as a polarizer.

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13. An anti-reflective arrangement comprising a combination as claimed in claim 11 and an optical retarder for converting linearly polarized light into circularly polarized light.

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14. An anti-reflective arrangement as claimed in claim 13 wherein the second polarizer is arranged between the first polarizer and the optical retarder.